



# STAAR Item Analysis with Responses by Item

## for Region 12

Subject: Science Curriculum: Grade 05 Language: E Administration: 4 2014 Test Version(s): STAAR,STAAR-L  
 Demographic Group(s): All Students  
 Student Count: 11305 Source: Admin

#	Course	Reporting Standard/Student Expectation	Correct	A/F	B/G	C/H	D/J	Other
1	Sci-Gr5	Rpt Cat 3 - The student will demonstrate an understanding of components, cycles, patterns, and natural events of Earth and space systems. SE: 8C - demonstrate that Earth rotates on its axis once approximately every 24 hours causing the day/night cycle and the apparent movement of the Sun across the sky (R) DUAL: 3C - draw or develop a model that represents how something works or looks that cannot be seen such as how a soda dispensing machine works (P)	C 84%	245 2%	180 2%	9484 84%	1353 12%	6 0%
2	Sci-Gr5	Rpt Cat 1 - The student will demonstrate an understanding of the properties of matter and energy and their interactions. SE: 5B - identify the boiling and freezing/melting points of water on the Celsius scale (S) DUAL:	J 79%	351 3%	1317 12%	731 6%	8864 79%	5 0%
3	Sci-Gr5	Rpt Cat 4 - The student will demonstrate an understanding of the structures and functions of living organisms and their interdependence on each other and on their environment. SE: 10B - differentiate between inherited traits of plants and animals such as spines on a cactus or shape of a beak and learned behaviors such as an animal learning tricks or a child riding a bicycle (R) DUAL: 2D - analyze and interpret information to construct reasonable explanations from direct (observable) and indirect (inferred) evidence (P)	B 87%	459 4%	9777 87%	817 7%	204 2%	11 0%
4	Sci-Gr5	Rpt Cat 2 - The student will demonstrate an understanding of force, motion, and energy and their relationships. SE: 6C - demonstrate that light travels in a straight line until it strikes an object or travels through one medium to another and demonstrate that light can be reflected such as the use of mirrors or other shiny surfaces and refracted such as the appearance of an object when observed through water (R) DUAL:	F 69%	7815 69%	1843 16%	1164 10%	430 4%	16 0%
5	Sci-Gr5	Rpt Cat 4 - The student will demonstrate an understanding of the structures and functions of living organisms and their interdependence on each other and on their environment. SE: 9D - identify the significance of the carbon dioxide-oxygen cycle to the survival of plants and animals (S) DUAL:	D 79%	2234 20%	64 1%	24 0%	8928 79%	18 0%
6	Sci-Gr5	Rpt Cat 3 - The student will demonstrate an understanding of components, cycles, patterns, and natural events of Earth and space systems. SE: 7C - identify alternative energy resources such as wind, solar, hydroelectric, geothermal, and biofuels (R) DUAL:	F 68%	7653 68%	576 5%	967 9%	2056 18%	16 0%

\* Standard type: Green - Readiness, Blue - Supporting, Purple - Process

\* Level of concern: Red - Challenging(<70%), Orange - Moderate(70-79%), Yellow - Low Risk(80-100%)



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#	Course	Reporting Standard/Student Expectation	Correct	A/F	B/G	C/H	D/J	Other
7	Sci-Gr3	Rpt Cat 1 - The student will demonstrate an understanding of the properties of matter and energy and their interactions. SE: 5C - predict, observe, and record changes in the state of matter caused by heating or cooling (S) DUAL: 3C - draw or develop a model that represents how something works or looks that cannot be seen such as how a soda dispensing machine works (P)	B 77%	62 1%	8695 77%	1040 9%	1456 13%	15 0%
8	Sci-Gr5	Rpt Cat 3 - The student will demonstrate an understanding of components, cycles, patterns, and natural events of Earth and space systems. SE: 7B - recognize how landforms such as deltas, canyons, and sand dunes are the result of changes to Earth's surface by wind, water, and ice (R) DUAL: 2D - analyze and interpret information to construct reasonable explanations from direct (observable) and indirect (inferred) evidence (P)	H 68%	696 6%	2358 21%	7640 68%	547 5%	27 0%
9	Sci-Gr5	Rpt Cat 4 - The student will demonstrate an understanding of the structures and functions of living organisms and their interdependence on each other and on their environment. SE: 9B - describe how the flow of energy derived from the Sun, used by producers to create their own food, is transferred through a food chain and food web to consumers and decomposers (R) DUAL: 2D - analyze and interpret information to construct reasonable explanations from direct (observable) and indirect (inferred) evidence (P)	A 68%	7695 68%	1516 13%	1198 11%	849 8%	10 0%
10	Sci-Gr5	Rpt Cat 2 - The student will demonstrate an understanding of force, motion, and energy and their relationships. SE: 6D - design an experiment that tests the effect of force on an object (S) DUAL: 2A - describe, plan, and implement simple experimental investigations testing one variable (P)	F 47%	5265 47%	1699 15%	3493 31%	790 7%	21 0%
11	Sci-Gr3	Rpt Cat 4 - The student will demonstrate an understanding of the structures and functions of living organisms and their interdependence on each other and on their environment. SE: 9A - observe and describe the physical characteristics of environments and how they support populations and communities within an ecosystem (S) DUAL: 4A - collect, record, and analyze information using tools, including calculators, microscopes, cameras, computers, hand lenses, metric rulers, Celsius thermometers, prisms, mirrors, pan balances, triple beam balances, spring scales, graduated cylinders, beakers, hot plates, meter sticks, magnets, collecting nets, and notebooks; timing devices, including clocks and stopwatches; and materials to support observations of habitats or organisms such as terrariums and aquariums (P)	C 49%	3460 31%	1159 10%	5576 49%	1053 9%	20 0%
12	Sci-Gr4	Rpt Cat 3 - The student will demonstrate an understanding of components, cycles, patterns, and natural events of Earth and space systems. SE: 7A - examine properties of soils, including color and texture, capacity to retain water, and ability to support the growth of plants (S) DUAL: 2C - collect information by detailed observations and accurate measuring (P)	J 58%	1665 15%	1760 16%	1307 12%	6521 58%	15 0%

\* Standard type: Green - Readiness, Blue - Supporting, Purple - Process

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 Student Count: 11305 Source: Admin

#	Course	Reporting Standard/Student Expectation	Correct	A/F	B/G	C/H	D/J	Other
13	Sci-Gr5	Rpt Cat 4 - The student will demonstrate an understanding of the structures and functions of living organisms and their interdependence on each other and on their environment. SE: 10C - describe the differences between complete and incomplete metamorphosis of insects (S) DUAL: 2D - analyze and interpret information to construct reasonable explanations from direct (observable) and indirect (inferred) evidence (P)	B 74%	1372 12%	8392 74%	961 9%	465 4%	78 1%
14	Sci-Gr5	Rpt Cat 1 - The student will demonstrate an understanding of the properties of matter and energy and their interactions. SE: 5A - classify matter based on physical properties, including mass, magnetism, physical state (solid, liquid, and gas), relative density (sinking and floating), solubility in water, and the ability to conduct or insulate thermal energy or electric energy (R) DUAL: 2C - collect information by detailed observations and accurate measuring (P)	168 55%	6153 55%	5100 45%	0 0%	0 0%	15 0%
15	Sci-Gr5	Rpt Cat 2 - The student will demonstrate an understanding of force, motion, and energy and their relationships. SE: 6B - demonstrate that the flow of electricity in circuits requires a complete path through which an electric current can pass and can produce light, heat, and sound (R) DUAL: 2F - communicate valid conclusions in both written and verbal forms (P)	B 74%	368 3%	8316 74%	2228 20%	350 3%	6 0%
16	Sci-Gr5	Rpt Cat 4 - The student will demonstrate an understanding of the structures and functions of living organisms and their interdependence on each other and on their environment. SE: 10A - compare the structures and functions of different species that help them live and survive such as hooves on prairie animals or webbed feet in aquatic animals (R) DUAL: 2D - analyze and interpret information to construct reasonable explanations from direct (observable) and indirect (inferred) evidence (P)	J 58%	2959 26%	621 6%	1158 10%	6511 58%	19 0%
17	Sci-Gr5	Rpt Cat 1 - The student will demonstrate an understanding of the properties of matter and energy and their interactions. SE: 5D - identify changes that can occur in the physical properties of the ingredients of solutions such as dissolving salt in water or adding lemon juice to water (S) DUAL:	B 51%	1708 15%	5777 51%	1437 13%	2325 21%	21 0%
18	Sci-Gr5	Rpt Cat 3 - The student will demonstrate an understanding of components, cycles, patterns, and natural events of Earth and space systems. SE: 8A - differentiate between weather and climate (S) DUAL:	F 71%	7945 71%	226 2%	2915 26%	174 2%	8 0%
19	Sci-Gr5	Rpt Cat 2 - The student will demonstrate an understanding of force, motion, and energy and their relationships. SE: 6A - explore the uses of energy, including mechanical, light, thermal, electrical, and sound energy (R) DUAL: 2D - analyze and interpret information to construct reasonable explanations from direct (observable) and indirect (inferred) evidence (P)	B 53%	2775 25%	5952 53%	1831 16%	700 6%	10 0%

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20	Sci-Gr5	Rpt Cat 3 - The student will demonstrate an understanding of components, cycles, patterns, and natural events of Earth and space systems. SE: 7A - explore the processes that led to the formation of sedimentary rocks and fossil fuels (R) DUAL:	J 48%	1508 13%	824 7%	3487 31%	5418 48%	31 0%
21	Sci-Gr5	Rpt Cat 4 - The student will demonstrate an understanding of the structures and functions of living organisms and their interdependence on each other and on their environment. SE: 9A - observe the way organisms live and survive in their ecosystem by interacting with the living and non-living elements (R) DUAL:	C 55%	3377 30%	680 6%	6144 55%	1052 9%	15 0%
22	Sci-Gr5	Rpt Cat 2 - The student will demonstrate an understanding of force, motion, and energy and their relationships. SE: 6C - demonstrate that light travels in a straight line until it strikes an object or travels through one medium to another and demonstrate that light can be reflected such as the use of mirrors or other shiny surfaces and refracted such as the appearance of an object when observed through water (R) DUAL: 2D - analyze and interpret information to construct reasonable explanations from direct (observable) and indirect (inferred) evidence (P)	F 54%	6111 54%	1172 10%	1128 10%	2852 25%	5 0%
23	Sci-Gr5	Rpt Cat 1 - The student will demonstrate an understanding of the properties of matter and energy and their interactions. SE: 5A - classify matter based on physical properties, including mass, magnetism, physical state (solid, liquid, and gas), relative density (sinking and floating), solubility in water, and the ability to conduct or insulate thermal energy or electric energy (R) DUAL: 1A - demonstrate safe practices and the use of safety equipment as described in the Texas Safety Standards during classroom and outdoor investigations (P)	C 60%	2276 20%	1696 15%	6801 60%	487 4%	8 0%
24	Sci-Gr5	Rpt Cat 3 - The student will demonstrate an understanding of components, cycles, patterns, and natural events of Earth and space systems. SE: 7B - recognize how landforms such as deltas, canyons, and sand dunes are the result of changes to Earth's surface by wind, water, and ice (R) DUAL:	G 42%	2787 25%	4737 42%	2511 22%	1226 11%	7 0%
25	Sci-Gr5	Rpt Cat 4 - The student will demonstrate an understanding of the structures and functions of living organisms and their interdependence on each other and on their environment. SE: 9C - predict the effects of changes in ecosystems caused by living organisms, including humans, such as the overpopulation of grazers or the building of highways (S) DUAL: 2D - analyze and interpret information to construct reasonable explanations from direct (observable) and indirect (inferred) evidence (P)	A 75%	8466 75%	1256 11%	1008 9%	518 5%	20 0%

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26	Sci-Gr5	Rpt Cat 2 - The student will demonstrate an understanding of force, motion, and energy and their relationships. SE: 6B - demonstrate that the flow of electricity in circuits requires a complete path through which an electric current can pass and can produce light, heat, and sound (R) DUAL: 2D - analyze and interpret information to construct reasonable explanations from direct (observable) and indirect (inferred) evidence (P)	G 77%	725 6%	8695 77%	1680 15%	154 1%	14 0%
27	Sci-Gr5	Rpt Cat 3 - The student will demonstrate an understanding of components, cycles, patterns, and natural events of Earth and space systems. SE: 8B - explain how the Sun and the ocean interact in the water cycle (S) DUAL:	C 60%	1894 17%	2001 18%	6809 60%	544 5%	20 0%
28	Sci-Gr5	Rpt Cat 4 - The student will demonstrate an understanding of the structures and functions of living organisms and their interdependence on each other and on their environment. SE: 9B - describe how the flow of energy derived from the Sun, used by producers to create their own food, is transferred through a food chain and food web to consumers and decomposers (R) DUAL:	J 44%	3520 31%	1302 12%	1465 13%	4967 44%	14 0%
29	Sci-Gr5	Rpt Cat 1 - The student will demonstrate an understanding of the properties of matter and energy and their interactions. SE: 5C - demonstrate that some mixtures maintain physical properties of their ingredients such as iron filings and sand (S) DUAL: 2B - ask well-defined questions, formulate testable hypotheses, and select and use appropriate equipment and technology (P)	C 56%	1266 11%	1588 14%	6320 56%	2069 18%	25 0%
30	Sci-Gr5	Rpt Cat 4 - The student will demonstrate an understanding of the structures and functions of living organisms and their interdependence on each other and on their environment. SE: 10B - differentiate between inherited traits of plants and animals such as spines on a cactus or shape of a beak and learned behaviors such as an animal learning tricks or a child riding a bicycle (R) DUAL:	F 74%	8306 74%	423 4%	1156 10%	1371 12%	12 0%
31	Sci-Gr5	Rpt Cat 2 - The student will demonstrate an understanding of force, motion, and energy and their relationships. SE: 6D - design an experiment that tests the effect of force on an object (S) DUAL: 4A - collect, record, and analyze information using tools, including calculators, microscopes, cameras, computers, hand lenses, metric rulers, Celsius thermometers, prisms, mirrors, pan balances, triple beam balances, spring scales, graduated cylinders, beakers, hot plates, meter sticks, magnets, collecting nets, and notebooks; timing devices, including clocks and stopwatches; and materials to support observations of habitats or organisms such as terrariums and aquariums (P)	D 76%	1324 12%	456 4%	909 8%	8560 76%	19 0%

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32	Sci-Gr5	Rpt Cat 3 - The student will demonstrate an understanding of components, cycles, patterns, and natural events of Earth and space systems. SE: 7A - explore the processes that led to the formation of sedimentary rocks and fossil fuels (R) DUAL: 3C - draw or develop a model that represents how something works or looks that cannot be seen such as how a soda dispensing machine works (P)	G 69%	1500 13%	7797 69%	1546 14%	411 4%	14 0%
33	Sci-Gr5	Rpt Cat 1 - The student will demonstrate an understanding of the properties of matter and energy and their interactions. SE: 5A - classify matter based on physical properties, including mass, magnetism, physical state (solid, liquid, and gas), relative density (sinking and floating), solubility in water, and the ability to conduct or insulate thermal energy or electric energy (R) DUAL:	C 72%	1779 16%	690 6%	8126 72%	643 6%	30 0%
34	Sci-Gr5	Rpt Cat 4 - The student will demonstrate an understanding of the structures and functions of living organisms and their interdependence on each other and on their environment. SE: 10A - compare the structures and functions of different species that help them live and survive such as hooves on prairie animals or webbed feet in aquatic animals (R) DUAL:	G 75%	2048 18%	8428 75%	388 3%	374 3%	30 0%
35	Sci-Gr5	Rpt Cat 3 - The student will demonstrate an understanding of components, cycles, patterns, and natural events of Earth and space systems. SE: 8C - demonstrate that Earth rotates on its axis once approximately every 24 hours causing the day/night cycle and the apparent movement of the Sun across the sky (R) DUAL: 2D - analyze and interpret information to construct reasonable explanations from direct (observable) and indirect (inferred) evidence (P)	A 61%	6825 61%	1043 9%	2076 18%	1309 12%	15 0%
36	Sci-Gr3	Rpt Cat 2 - The student will demonstrate an understanding of force, motion, and energy and their relationships. SE: 6B - demonstrate and observe how position and motion can be changed by pushing and pulling objects to show work being done such as swings, balls, pulleys, and wagons (S) DUAL: 2D - analyze and interpret information to construct reasonable explanations from direct (observable) and indirect (inferred) evidence (P)	H 76%	441 4%	1923 17%	8521 76%	371 3%	12 0%
37	Sci-Gr5	Rpt Cat 4 - The student will demonstrate an understanding of the structures and functions of living organisms and their interdependence on each other and on their environment. SE: 9B - describe how the flow of energy derived from the Sun, used by producers to create their own food, is transferred through a food chain and food web to consumers and decomposers (R) DUAL: 3C - draw or develop a model that represents how something works or looks that cannot be seen such as how a soda dispensing machine works (P)	B 81%	589 5%	9079 81%	745 7%	842 7%	13 0%

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38	Sci-Gr5	Rpt Cat 3 - The student will demonstrate an understanding of components, cycles, patterns, and natural events of Earth and space systems. SE: 7C - identify alternative energy resources such as wind, solar, hydroelectric, geothermal, and biofuels (R) DUAL:	G 79%	754 7%	8895 79%	167 1%	1439 13%	13 0%
39	Sci-Gr5	Rpt Cat 1 - The student will demonstrate an understanding of the properties of matter and energy and their interactions. SE: 5A - classify matter based on physical properties, including mass, magnetism, physical state (solid, liquid, and gas), relative density (sinking and floating), solubility in water, and the ability to conduct or insulate thermal energy or electric energy (R) DUAL: 2D - analyze and interpret information to construct reasonable explanations from direct (observable) and indirect (inferred) evidence (P)	D 75%	1214 11%	556 5%	1055 9%	8435 75%	8 0%
40	Sci-Gr5	Rpt Cat 2 - The student will demonstrate an understanding of force, motion, and energy and their relationships. SE: 6C - demonstrate that light travels in a straight line until it strikes an object or travels through one medium to another and demonstrate that light can be reflected such as the use of mirrors or other shiny surfaces and refracted such as the appearance of an object when observed through water (R) DUAL: 3C - draw or develop a model that represents how something works or looks that cannot be seen such as how a soda dispensing machine works (P)	F 74%	8307 74%	461 4%	502 4%	1983 18%	15 0%
41	Sci-Gr5	Rpt Cat 4 - The student will demonstrate an understanding of the structures and functions of living organisms and their interdependence on each other and on their environment. SE: 9A - observe the way organisms live and survive in their ecosystem by interacting with the living and non-living elements (R) DUAL: 2D - analyze and interpret information to construct reasonable explanations from direct (observable) and indirect (inferred) evidence (P)	C 74%	203 2%	2043 18%	8356 74%	641 6%	25 0%
42	Sci-Gr3	Rpt Cat 3 - The student will demonstrate an understanding of components, cycles, patterns, and natural events of Earth and space systems. SE: 8D - identify the planets in Earth's solar system and their position in relation to the Sun (S) DUAL:	J 65%	2971 26%	486 4%	496 4%	7293 65%	22 0%
43	Sci-Gr5	Rpt Cat 4 - The student will demonstrate an understanding of the structures and functions of living organisms and their interdependence on each other and on their environment. SE: 9C - predict the effects of changes in ecosystems caused by living organisms, including humans, such as the overpopulation of grazers or the building of highways (S) DUAL: 2D - analyze and interpret information to construct reasonable explanations from direct (observable) and indirect (inferred) evidence (P)	A 76%	8604 76%	354 3%	1246 11%	1040 9%	24 0%

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44	Sci-Gr5	Rpt Cat 2 - The student will demonstrate an understanding of force, motion, and energy and their relationships. SE: 6A - explore the uses of energy, including mechanical, light, thermal, electrical, and sound energy (R) DUAL: 2C - collect information by detailed observations and accurate measuring (P)	J 82%	491 4%	186 2%	1318 12%	9221 82%	52 0%

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\* Level of concern: Red - Challenging(<70%), Orange - Moderate(70-79%), Yellow - Low Risk(80-100%)

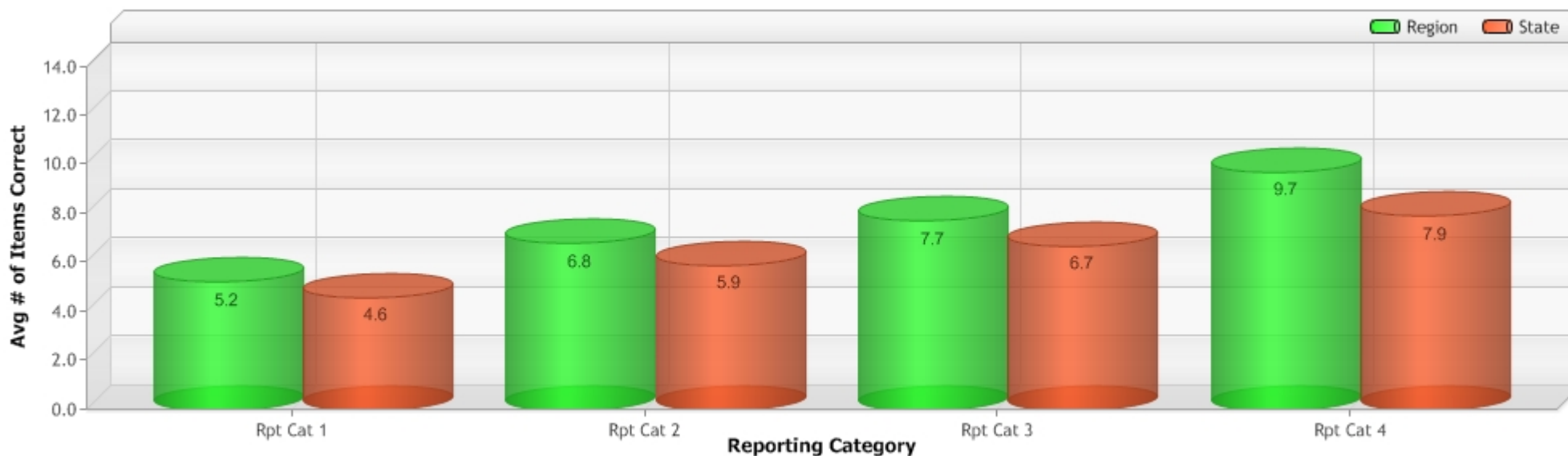


# **STAAR Reporting Category Comparison for Region 12**

Subject: Science    Curriculum: Grade 05    Language: E    Administration: 4 2014    Test Version(s): STAAR,STAAR-L  
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Rpt Cat #	Description	Tested	Region Average	State Average
1	The student will demonstrate an understanding of the properties of matter and energy and their interactions.	8	5.2	4.6
2	The student will demonstrate an understanding of force, motion, and energy and their relationships.	10	6.8	5.9
3	The student will demonstrate an understanding of components, cycles, patterns, and natural events of Earth and space systems.	12	7.7	6.7
4	The student will demonstrate an understanding of the structures and functions of living organisms and their interdependence on each other and on their environment.	14	9.7	7.9

**Regional data may not reflect all districts in region. It is dependent on files received and ESC partnerships.**

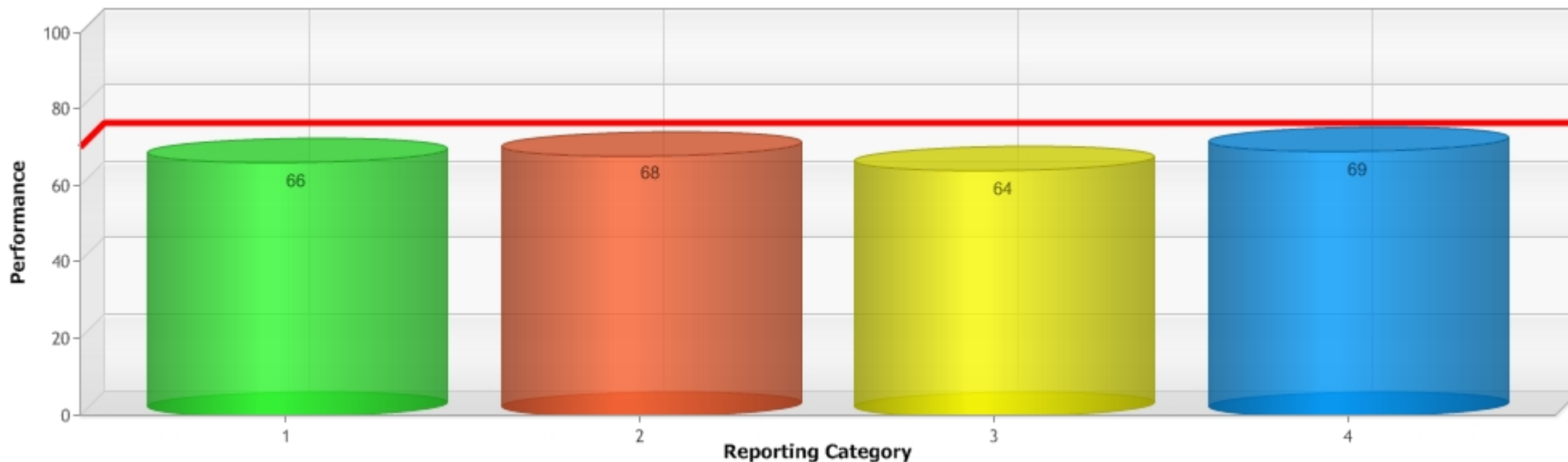


# STAAR Reporting Category Performance for Region 12

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Demographic Group(s): All Students  
Student Count: 11305 Source: Admin

Reporting Category	Description	# of Test Points	% of Total Points	Mastery
1	The student will demonstrate an understanding of the properties of matter and energy and their interactions.	8	18%	66%
2	The student will demonstrate an understanding of force, motion, and energy and their relationships.	10	23%	68%
3	The student will demonstrate an understanding of components, cycles, patterns, and natural events of Earth and space systems.	12	27%	64%
4	The student will demonstrate an understanding of the structures and functions of living organisms and their interdependence on each other and on their environment.	14	32%	69%

\* shaded row indicates mastery below 70%





# STAAR Reporting Category SE Performance for Region 12

Subject: Science Curriculum: Grade 05 Language: E Administration: 4 2014 Test Version(s): STAAR, STAAR-L  
Demographic Group(s): All Students  
Student Count: 11305 Source: Admin

Reporting Category	Description	Points	Mastery	SE	Std	Course	Tested	Mastery
1	The student will demonstrate an understanding of the properties of matter and energy and their interactions.	8	66%	5A	R	Sci-Gr5	4	65%
				5C	S	Sci-Gr3	1	77%
				5B	S	Sci-Gr5	1	79%
				5C	S	Sci-Gr5	1	56%
				5D	S	Sci-Gr5	1	51%
2	The student will demonstrate an understanding of force, motion, and energy and their relationships.	10	68%	6A	R	Sci-Gr5	2	67%
				6B	R	Sci-Gr5	2	75%
				6C	R	Sci-Gr5	3	66%
				6B	S	Sci-Gr3	1	76%
				6D	S	Sci-Gr5	2	61%
3	The student will demonstrate an understanding of components, cycles, patterns, and natural events of Earth and space systems.	12	64%	7A	R	Sci-Gr5	2	59%
				7B	R	Sci-Gr5	2	55%
				7C	R	Sci-Gr5	2	73%
				8C	R	Sci-Gr5	2	72%
				7B	S	Sci-Gr3	N/T	N/T
				8D	S	Sci-Gr3	1	65%
				7A	S	Sci-Gr4	1	58%
				7C	S	Sci-Gr4	N/T	N/T
				8A	S	Sci-Gr4	N/T	N/T
				8B	S	Sci-Gr4	N/T	N/T
				8C	S	Sci-Gr4	N/T	N/T
				7D	S	Sci-Gr5	N/T	N/T
				8A	S	Sci-Gr5	1	71%
				8B	S	Sci-Gr5	1	60%
				8D	S	Sci-Gr5	N/T	N/T
4	The student will demonstrate an understanding of the structures and functions of living organisms and their interdependence on each other and on their environment.	14	69%	9A	R	Sci-Gr5	2	64%
				9B	R	Sci-Gr5	3	64%
				10A	R	Sci-Gr5	2	66%
				10B	R	Sci-Gr5	2	80%
				9A	S	Sci-Gr3	1	49%
				10C	S	Sci-Gr3	N/T	N/T
				9C	S	Sci-Gr5	2	76%
				9D	S	Sci-Gr5	1	79%
				10C	S	Sci-Gr5	1	74%

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Demographic Group(s): All Students

Student Count: 11305 Source: Admin

Reporting Category	Description	Points	Mastery	SE	Std	Course	Tested	Mastery
	Process Skills			1A	P	Sci-Gr5		N/T
				1B	P	Sci-Gr5		N/T
				2A	P	Sci-Gr5		N/T
				2B	P	Sci-Gr5		N/T
				2C	P	Sci-Gr5		N/T
				2D	P	Sci-Gr5		N/T
				2E	P	Sci-Gr5		N/T
				2F	P	Sci-Gr5		N/T
				2G	P	Sci-Gr5		N/T
				3A	P	Sci-Gr5		N/T
				3B	P	Sci-Gr5		N/T
				3C	P	Sci-Gr5		N/T
				3D	P	Sci-Gr5		N/T
				4A	P	Sci-Gr5		N/T
				4B	P	Sci-Gr5		N/T

\* Standard type: Green - Readiness, Blue - Supporting, Purple - Process

\* Level of concern: Red - Challenging(<70%), Orange - Moderate(70-79%), Yellow - Low Risk(80-100%)



# STAAR TEKS Performance for Region 12

Subject: Science Curriculum: Grade 05 Language: E Administration: 4 2014 Test Version(s): STAAR,STAAR-L  
Demographic Group(s): All Students  
Student Count: 11305 Source: Admin

Course	Number	Description	Tested	Weight	Mastery
Sci-Gr5	1	The student conducts classroom and outdoor investigations following home and school safety procedures and environmentally appropriate and ethical practices.	1	2%	60%
Sci-Gr5	2	The student uses scientific methods during laboratory and outdoor investigations.	20	45%	67%
Sci-Gr5	3	The student uses critical thinking and scientific problem solving to make informed decisions.	5	11%	77%
Sci-Gr5	4	The student knows how to use a variety of tools and methods to conduct science inquiry.	2	5%	63%
Sci-Gr3	5	The student knows that matter has measurable physical properties and those properties determine how matter is classified, changed, and used.	1	2%	77%
Sci-Gr5	5	The student knows that matter has measurable physical properties and those properties determine how matter is classified, changed, and used.	7	16%	64%
Sci-Gr5	6	The student knows that energy occurs in many forms and can be observed in cycles, patterns, and systems.	9	20%	67%
Sci-Gr3	6	The student knows that forces cause change and that energy exists in many forms.	1	2%	76%
Sci-Gr5	7	The student knows Earth's surface is constantly changing and consists of useful resources.	6	14%	62%
Sci-Gr4	7	The students know that Earth consists of useful resources and its surface is constantly changing.	1	2%	58%
Sci-Gr5	8	The student knows that there are recognizable patterns in the natural world and among the Sun, Earth, and Moon system.	4	9%	69%
Sci-Gr3	8	The student knows there are recognizable patterns in the natural world and among objects in the sky.	1	2%	65%
Sci-Gr5	9	The student knows that there are relationships, systems, and cycles within environments	8	18%	69%
Sci-Gr3	9	The student knows that organisms have characteristics that help them survive and can describe patterns, cycles, systems, and relationships within the environments.	1	2%	49%
Sci-Gr5	10	The student knows that organisms undergo similar life processes and have structures that help them survive within their environments.	5	11%	74%

\* shaded row indicates mastery below 70%



# STAAR TEKS Performance for Region 12

Subject: Science Curriculum: Grade 05 Language: E Administration: 4 2014 Test Version(s): STAAR,STAAR-L

Demographic Group(s): All Students

Student Count: 11305 Source: Admin

